RAW SEQUENCE LISTING ERROR REPORT
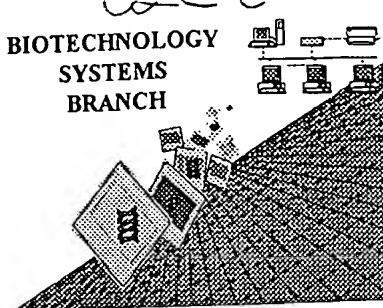
The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following CRF diskette:

Application Serial Number: *09/527,919*

Art Unit / Team No. : *01P6*

Date Processed by STIC: *4/12/2000*

THE ATTACHED PRINTOUT EXPLAINS THE **ERRORS DETECTED**.

PLEASE BE SURE TO FORWARD THIS INFORMATION TO THE APPLICANTS BY EITHER:

1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANTS ALONG WITH A NOTICE TO COMPLY or,

2) CALLING APPLICANTS AND FAXING THEM A COPY OF THE PRINTOUT WITH A NOTICE TO COMPLY

THIS WILL INSURE THAT THE NEXT SUBMISSION RECEIVED FROM THEM WILL BE ERROR FREE.

IF YOU HAVE ANY FURTHER QUESTIONS, PLEASE CALL:

MARK SPENCER 703-308-4212

Oipe

PAGE: 1

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/527,919

DATE: 04/13/2000
TIME: 02:20:59

INPUT SET: S35278.raw

This Raw Listing contains the General
Information Section and up to the first 5 pages.
~~Does Not~~ Comply.
Corrected Diskette Needed

SEQUENCE LISTING

```
1
2
3      (1)    General Information:
4
5           (i) APPLICANT: ↑ move up – all responses must be on same line as
6               (A) NAME: MEDEVA EUROPE LIMITED                          heading
7               (B) STREET: 10 St. James's Street
8               (C) CITY: London
9               (D) COUNTRY: United Kingdom                  insert these
10              (F) POSTAL CODE (ZIP): SWIA IEF             mandatory
11                                                          headings and
12          (ii) TITLE OF INVENTION: HEPATITIS B VIRUS POLYPEPTIDES    responses
13                                                                      for a U.S.
14          (iii) NUMBER OF SEQUENCES: 11         (iv) CORRESPONDENCE ADDRESS:   application
15                                                     (A) ADDRESSEE:
16          (v) COMPUTER READABLE FORM:                (B) STREET:
17              (A) MEDIUM TYPE: Floppy disk            (C) CITY:
18              (B) COMPUTER: IBM PC compatible         (D) STATE:
19              (C) OPERATING SYSTEM: PC-DOS/MS-DOS     (E) COUNTRY:
20              (D) SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)   (F) ZIP:
21
22          (vi) CURRENT APPLICATION DATA:        insert under PRIOR APP. DATA:
23   insert → (A) APPLICATION NUMBER: WO PCT/GB98/02852
24   insert → (B) FILING DATE:                      (vi) PRIOR APPLICATION DATA
25      (2) INFORMATION FOR SEQ ID NO: 1:              (A) APPLICATION NUMBER: ←
26                                                      (B) FILING DATE:
27          (i) SEQUENCE CHARACTERISTICS:
28              (A) LENGTH: 20 base pairs           Please Note:
29              (B) TYPE: nucleic acid
30              (C) STRANDEDNESS: single            EPO format of
31              (D) TOPOLOGY: linear                PatentIn is invalid
32                                                  for U.S. cases.
33          (ii) MOLECULE TYPE: other nucleic acid
34              (A) DESCRIPTION:   /desc = "primer"
35
36
37          (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:
38                                                                           20
39   ACTCTAGATG CAAAACCTGC
40
41
42      (2) INFORMATION FOR SEQ ID NO: 2:
43
44          (i) SEQUENCE CHARACTERISTICS:
45              (A) LENGTH: 20 base pairs
46              (B) TYPE: nucleic acid
```

```
47          (C) STRANDEDNESS: single
48          (D) TOPOLOGY: linear
49
50     (ii) MOLECULE TYPE: other nucleic acid
51          (A) DESCRIPTION:   /desc = "primer"
52
53
54     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
55
56  TAACTAGTAA TACAGGTGCA                                        20
57
58
59  (2) INFORMATION FOR SEQ ID NO: 3:
60
61     (i) SEQUENCE CHARACTERISTICS:
62          (A) LENGTH: 24 base pairs
63          (B) TYPE: nucleic acid
64          (C) STRANDEDNESS: single
65          (D) TOPOLOGY: linear
66
67     (ii) MOLECULE TYPE: other nucleic acid
68          (A) DESCRIPTION:   /desc = "primer"
69
70
71     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
72
73  ATGTCTAGAA ATCCTCTGGG ATTC                                   24
74
75
76  (2) INFORMATION FOR SEQ ID NO: 4:
77
78     (i) SEQUENCE CHARACTERISTICS:
79          (A) LENGTH: 24 base pairs
80          (B) TYPE: nucleic acid
81          (C) STRANDEDNESS: single
82          (D) TOPOLOGY: linear
83
84     (ii) MOLECULE TYPE: other nucleic acid
85          (A) DESCRIPTION:   /desc = "primer"
86
87
88     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
89
90  AAGCTTATGC AGTGGAATTC CAGA                                   24
91
92
93  (2) INFORMATION FOR SEQ ID NO: 5:
94
95     (i) SEQUENCE CHARACTERISTICS:
96          (A) LENGTH: 24 base pairs
97          (B) TYPE: nucleic acid
98          (C) STRANDEDNESS: single
99          (D) TOPOLOGY: linear
```

```
100        (ii) MOLECULE TYPE: other nucleic acid
101              (A) DESCRIPTION:   /desc = "primer"
102
103
104        (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:                        24
105
106    CGAACTAGTG TTGGGATTGA AGTC
107
108
109
110    (2) INFORMATION FOR SEQ ID NO: 6:
111
112        (i) SEQUENCE CHARACTERISTICS:
113              (A) LENGTH: 24 base pairs
114              (B) TYPE: nucleic acid
115              (C) STRANDEDNESS: single
116              (D) TOPOLOGY: linear
117
118        (ii) MOLECULE TYPE: other nucleic acid
119              (A) DESCRIPTION:   /desc = "primer"
120
121
122        (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:                        24
123
124    AGGGTCACTA GTCCTCGAGA AGAT
125
126
127    (2) INFORMATION FOR SEQ ID NO: 7:
128
129        (i) SEQUENCE CHARACTERISTICS:
130              (A) LENGTH: 24 base pairs
131              (B) TYPE: nucleic acid
132              (C) STRANDEDNESS: single
133              (D) TOPOLOGY: linear
134
135        (ii) MOLECULE TYPE: other nucleic acid
136              (A) DESCRIPTION:   /desc = "primer"
137
138        (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:                        24
139
140    TCTGTTGCTA GCCCTCTGGG ATTC
141
142    (2) INFORMATION FOR SEQ ID NO: 8:
143
144        (i) SEQUENCE CHARACTERISTICS:
145              (A) LENGTH: 24 base pairs
146              (B) TYPE: nucleic acid
147              (C) STRANDEDNESS: single
148              (D) TOPOLOGY: linear
149
150        (ii) MOLECULE TYPE: other nucleic acid
151              (A) DESCRIPTION:   /desc = "primer"
152
```

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RAW SEQUENCE LISTING
PATENT APPLICATION US/09/527,919

DATE: 04/13/2000
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INPUT SET: S35278.raw

153
154   (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:
155   24
156
157   TCAAACGCTA GCGATTGGGA CTTC
158
159
160   (2) INFORMATION FOR SEQ ID NO: 9:
161
162   (i) SEQUENCE CHARACTERISTICS:
163   (A) LENGTH: 24 base pairs
164   (B) TYPE: nucleic acid
165   (C) STRANDEDNESS: single
166   (D) TOPOLOGY: linear
167
168   (ii) MOLECULE TYPE: other nucleic acid
169   (A) DESCRIPTION: /desc = "primer"
170
171
172   (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:
173   24
174   TTGCTAGCGT TCAGCGCAGG GTCC
175
176
177   (2) INFORMATION FOR SEQ ID NO: 10:
178
179   (i) SEQUENCE CHARACTERISTICS:
180   (A) LENGTH: 24 base pairs
181   (B) TYPE: nucleic acid
182   (C) STRANDEDNESS: single
183   (D) TOPOLOGY: linear
184
185   (ii) MOLECULE TYPE: other nucleic acid
186   (A) DESCRIPTION: /desc = "primer"
187
188
189   (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10:
190   24
191   CCCGCTAGCA TGGGAGGTTG GTCA
192
193
194   (2) INFORMATION FOR SEQ ID NO: 11:
195
196   (i) SEQUENCE CHARACTERISTICS:
197   (A) LENGTH: 5 amino acids
198   (B) TYPE: amino acid
199   (C) STRANDEDNESS: single
200   (D) TOPOLOGY: linear
201
202   (ii) MOLECULE TYPE: peptide
203
204
205   (ix) FEATURE:

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RAW SEQUENCE LISTING
PATENT APPLICATION *US/09/527,919*

DATE: 04/13/2000
TIME: 02:21:00

INPUT SET: S35278.raw

206
207
208
209
210
211
212
213
214
215
216

(A) NAME/KEY: Modified-site
(B) LOCATION:5
(D) OTHER INFORMATION:/note= "Xaa represents any amino
    acid"

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11:

Gly Pro Gly Pro Xaa
1   5

SEQUENCE VERIFICATION REPORT
PATENT APPLICATION *US/09/527,919*

INPUT SET: S35278.raw

Line	Error
5	Mandatory Value Not Present
6	Unknown or Misplaced Identifier
7	Unknown or Misplaced Identifier
8	Unknown or Misplaced Identifier
9	Unknown or Misplaced Identifier
10	Unknown or Misplaced Identifier

Original Text

(i) APPLICANT:
(A) NAME: MEDEVA EUROPE LIMITED
(B) STREET: 10 St. James's Street
(C) CITY: London
(E) COUNTRY: United Kingdom
(F) POSTAL CODE (ZIP): SW1A 1EF

SEQUENCE MISSING ITEM REPORT
PATENT APPLICATION   *US/09/527,919*

INPUT SET: S35278.raw

ADDRESSEE
STREET
CITY
STATE
COUNTRY
ZIP
CORRESPONDENCE ADDRESS
APPLICATION NUMBER
FILING DATE
CLASSIFICATION
APPLICATION NUMBER
FILING DATE
PRIOR APPLICATION DATA